



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Bowie G. Keefer et al.

Application No. 10/039,940

Filed: October 26, 2001

Confirmation No. 8442

For: ENERGY EFFICIENT GAS SEPARATION  
FOR FUEL CELLS

Examiner: Stephen J. Kalafut

Art Unit: 1745

Attorney Reference No. 6454-56839

PATENT  
Attorney Reference Number 6454-56839

RECEIVED  
JAN 22 2004  
TC 1700

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney  
for Applicant(s)

Date Mailed January 12, 2004

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

TRANSMITTAL LETTER

Enclosed is an Amendment and Reply to Office Action for the above application. The fee has been calculated as shown below.

| CLAIMS AS AMENDED                              |                     |                         |               |         |          |
|--|---------------------|-------------------------|---------------|---------|----------|
| For  | No. after amendment | No. paid for previously | Present Extra | Rate    | Fee      |
| Total Claims                                   | 88                  | - 89*                   | = 0           | \$9.00  | \$ 0.00  |
| Indep. Claims                                  | 19                  | - 17**                  | = 2           | \$43.00 | \$ 86.00 |
| Mult. Dep. Claims Fee (if not previously paid) |                     |                         |               |         | \$145.00 |
| One-month Extension of Time                    |                     |                         |               |         | \$55.00  |
| Two-month Extension of Time                    |                     |                         |               |         | \$210.00 |
| Three-month Extension of Time                  |                     |                         |               |         | \$475.00 |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT        |                     |                         |               |         | \$141.00 |

\* greater of twenty or number for which fee has been paid.

\*\* greater of three or number for which fee has been paid.

- Applicants petition for an extension of time for the number of months indicated above. If an additional extension of time is required please consider this a petition therefor.
- A check in the amount of \$141.00 is attached.

- Please charge any additional fees that may be required in connection with filing this amendment and any extension of time, or credit any overpayment, to Deposit Account No. 02-4550. A copy of this sheet is enclosed.
- Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By Wayne Rupert  
Wayne Rupert  
Registration No. 34,420

One World Trade Center, Suite 1600  
121 S.W. Salmon Street  
Portland, Oregon 97204  
Telephone: (503) 226-7391  
Facsimile: (503) 228-9446

cc: Docketing



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of:** Bowie G. Keefer et al.

**Application No.** 10/039,940

**Filed:** October 26, 2001

**Confirmation No.** 8442

**For:** ENERGY EFFICIENT GAS SEPARATION  
FOR FUEL CELLS

**Examiner:** Stephen J. Kalafut

**Art Unit:** 1745

**Attorney Reference No.** 6454-56839

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney  
for Applicant(s)

Date Mailed January 12, 2004

*Nayre R. Paynter*

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

**AMENDMENT AND REPLY TO OFFICE ACTION**

This responds to a non-final Office action mailed September 10, 2003. A reply to the Office action was due on December 10, 2003. A one-month extension of time is hereby requested, making the reply due on January 10, 2004. Please amend the referenced application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 3 of this paper.

**Amendments to the Drawings** begin on page 18 of this paper, and include the attached replacement sheets.

**Remarks** begin on page 19 of this paper.

01/20/2004 HTECKLU1 00000052 10039940

01 FC:2201 86.00 OP

01/20/2004 HTECKLU1 00000052 10039940

02 FC:2251 55.00 OP